

**IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF MASSACHUSETTS**

ALLIANCE FOR AUTOMOTIVE
INNOVATION

Plaintiff,

vs.

MAURA HEALEY, ATTORNEY GENERAL
OF THE COMMONWEALTH OF
MASSACHUSETTS in her official capacity,

Defendant.

C.A. No. 1:20-cv-12090-DPW

JOINT FINAL LIST OF ADMITTED EXHIBITS

Plaintiff Alliance for Automotive Innovation (“Auto Innovators” or “Plaintiff”) and Defendant Maura Healey, Attorney General of the Commonwealth (the “Attorney General”) respectfully submit this supplement to the Joint List of the exhibits previously filed as ECF 190 to identify the witness or other method by which the document has been admitted in evidence. Exhibits 1-12 are joint exhibits that were offered by both parties. Exhibits 13-80 were offered by Plaintiff. Exhibits 501-527 were offered by the Attorney General.¹

¹ During earlier meet and confer discussions, the AG had agreed that Exhibits 522, 523, 524, 525, and 527 would be admitted for certain specified purposes and not for the truth of the matters asserted therein. In light of the Court’s discussion with the parties during the June 10, 2021 hearing as to how the Court intends to use documents admitted in evidence, Auto Innovators agrees to remove this express limitation from the exhibit list while reserving its right to argue about the use and weight of the documents.

Witness	Trial Ex. No.	Dep. Ex. No.	Conf. Design.	Bates Nos.	Date	Description
Steve Douglas / Aaron Lowe	1	78		AAI-AAI-0002635-2641	1/15/2014	2014 MOU between AAIA, CARE, Alliance, and Global Automakers
Kevin Tierney	2	50	Conf.	AAI-GM-0000008 (native, 8 pages)	N/A	Slides re Vehicle & Vehicle Services Cybersecurity DLC Protection for Global A
Kevin Tierney / Kevin Baltes / Mark Chernoby	3	72		N/A	2016	Cybersecurity Best Practices for Modern Vehicles (NHTSA)
Steve Douglas / Aaron Lowe	4	81		AAI-AAI-0007281-7282	9/18/2017	Letter from SAE International to multiple recipients
Kevin Tierney	5	55	Conf.	AAI-GM-0000030--32	4/1/2018	Data Link Connector Policy
Kevin Tierney / Craig Smith	6	38	Conf.	AAI-GM-0001192 (native, 43 pages)	7/20/2019	Slides re Global Cybersecurity NHTSA Meeting July 2019
Kevin Tierney / Craig Smith	7	58	Highly Conf.	AAI-GM-0001422-1511	various	CAN 1 4987/4986 Bus Topology Documents
Mark Chernoby / Craig Smith	8	2	Conf.	AAI-FCA-0011090-11094 and 11095 (native Excel)	6/29/2020	Diagnostic Services Secure Access Rights Supporting Document and Spreadsheet
Mark Chernoby / Craig Smith	9	4	Highly Conf.	AAI-FCA-0011200 (native, 28 pages)	10/1/2020	FCA Global Vehicle Cybersecurity Rollout
Standalone Exhibit	10			N/A	1/12/2021	<i>Request for Comments on NHTSA's Cybersecurity Best Practices for the Safety of Motor Vehicles Draft 2020 Update</i> , 86 Fed. Reg. 2481, 2481 (Jan. 12, 2021)
Kevin Tierney / Craig Smith	11	52	Highly Conf.	AAI-GM-0001585-1617	N/A	Global A Serial Data Architecture, Version 7.4.3 et seq.

Witness	Trial Ex. No.	Dep. Ex. No.	Conf. Design.	Bates Nos.	Date	Description
Kevin Tierney / Craig Smith	12	158	Highly Conf.	AAI-GM-0001687	N/A	Slides re Onstar Telematics Architecture Security et seq.
Mark Chernoby	13	5		AAI-FCA-0010998-11004	8/4/2015	Part 573 Safety Recall Report
Steve Douglas	14	36		AAI-AAI-0007279-7280	7/31/2017	Letter from Auto Alliance/Global Automakers to Bill Hanvey and Ray Pohlman
Kevin Tierney	15	70	Conf.	AAI-GM-0001065 (native, 23 pages)	5/2020	Slides re Global Cybersecurity NHTSA Meeting May 2020
Kevin Tierney	16	95	Conf.	AAI-GM-0000035	8/16/2018	GM Product Cybersecurity Defense-in-Depth
Kevin Tierney	17	99	Conf.	AAI-GM-0000029	3/17/2018	GM Policy on 3rd Party Aftermarket DLC Devices
Not Introduced	18	122	Conf.	GP0000016-19	11/23/2020	Email from Joe Register to multiple recipients re Massachusetts Data Law Legal Challenge Materials
Standalone Exhibit	19	125		N/A	4/1/2021	Defendant's Second Amended Initial Disclosures
Aaron Lowe cross	20	136	Conf.	AAI-ACA-0025198-25201	3/17/2021	Email from Aaron Lowe to Joe Register re Information SDRM
Aaron Lowe cross	21	152		AAI-ACA-0011612	2/13/2020	Email from Brian Romansky to Aaron Lowe re Boston Legislative Briefing
Aaron Lowe cross	22	153		AAI-ACA-0014716-14718 and attachment (total 31 pages)	7/23/2020	Email from Quinlan Brennan to Aaron Lowe re NHTSA Slides
Mark Chernoby / Daniel Garrie	23		Conf.	AAI-FCA-0011205-208	3/27/2021	Email from Alison Rodney to herself re Massachusetts Telematics Ballot Initiative with attached slides
Kevin Tierney / Kevin Baltes / Mark Chernoby	24			N/A	2020	NHTSA, Cybersecurity Best Practices for the Safety of Modern Vehicles Draft 2020 Update (2020) https://www.nhtsa.gov/sites/nhtsa.gov/

Witness	Trial Ex. No.	Dep. Ex. No.	Conf. Design.	Bates Nos.	Date	Description
						files/documents/vehicle_cybersecurity_best_practices_01072021.pdf
Standalone Exhibit	25			N/A	3/22/2021	Defendant's Response to Pl.'s First Request for Admission
Standalone Exhibit	26			N/A	4/26/2021	Defendant's Supplemental Responses to First Requests for Admission
Standalone Exhibit	27			N/A	4/30/2021	Defendant's Second Supplemental Responses to First Requests for Admission
Standalone Exhibit	28			N/A	3/22/2021	Defendant's Response to Plaintiff's First Set of Interrogatories
Standalone Exhibit	29			N/A	4/26/2021	Defendant's Supplemental Response to First Set of Interrogatories
Standalone Exhibit	30			N/A	4/30/2021	Defendant's Second Supplemental Response to First Set of Interrogatories
Standalone Exhibit	31			N/A	5/7/2021	Defendant's Responses to Pl.'s Second Set of Interrogatories
Standalone Exhibit	32			N/A	2/24/2021	Defendant's Response to Pl.'s First Requests for Production
Standalone Exhibit	33			N/A	5/7/2021	Defendant's Responses to Pl.'s Second Set of Requests for Production
Daniel Garrie	34			N/A	N/A	Daniel Garrie <i>curriculum vitae</i>
Bryson Bort	35			N/A	N/A	Bryson Bort <i>curriculum vitae</i>
Kevin Tierney / Kevin Baltes	36	41	Conf.	AAI-GM-0000022-24	9/15/2016	Product Cybersecurity Policy for Secure Development Lifecycle
Kevin Tierney / Mark Chernoby	37			N/A	2020	NHTSA, 2020 <i>Recall Annual Report</i> , https://www.nhtsa.gov/sites/nhtsa.gov/files/documents/2020_nhtsa_recall_annual_report_021021-tag.pdf (last accessed May 18, 2021).
Kevin Tierney	38		Conf.	AAI-GM-0000056	7/16/2019	Slides re NHTSA Cybersecurity Meeting

Witness	Trial Ex. No.	Dep. Ex. No.	Conf. Design.	Bates Nos.	Date	Description
Kevin Tierney	39		Conf.	AAI-GM-0000011	9/8/2015	Slides re Vehicle Cybersecurity Overview
Kevin Tierney	40		Conf.	AAI-GM-0000013	3/14/2016	Slides re Message Authentication GFL Overview
Kevin Tierney / Kevin Baltes	41		Conf.	AAI-GM-0001567	8/7/2019	Slides re Electrical Architecture and Global A_Global B Security
Kevin Tierney	42	39	Conf.	AAI-GM-0000028 (native, 22 pages)	11/20/2017	Slides re Product Cybersecurity Overview -- Cybersecurity Risk Committee
Kevin Tierney	43		Conf.	AAI-GM-0000201	2/13/2021	Slides re Secure Programming and Secure Boot
Kevin Tierney	44	40	Conf.	AAI-GM-0000014-16	1/28/2016	GM Vehicle Cybersecurity Guidelines
Kevin Tierney	45	53	Conf.	AAI-GM-0000012 (native, 5 pages)	N/A	Slides re Current Vehicle Data Control Points
Kevin Tierney	46	56	Conf.	AAI-GM-0000053 (native, 1 page)	N/A	Data Access & Device Support for Data Link Connector (DLC/OBDII) Port -- GM Electrical Architectures
Mark Chernoby	47		Conf.	AAI-FCA-0010921-28	10/18/2017	Global Vehicle Cyber Security: Vehicle Network Segmentation and Separation (Level 3)
Mark Chernoby	48		Conf.	AAI-FCA-0010994	8/11/2015	FCA US LLC Chronology Select 2015 Vehicles, RA3/4 Improved Security Protection
Mark Chernoby	49			AAI-FCA-0010995-97	9/25/2015	Part 573 Safety Recall Report
Mark Chernoby	50		Conf.	AAI-FCA-0010935-39	11/8/2017	Global Vehicle Cyber Security: Authenticated In-Vehicle Messages (Level 5)
Mark Chernoby	51		Highly Conf.	AAI-FCA-0011194 (native Excel)	N/A	Threat Analysis and Risk Assessment and Spreadsheet
Kevin Tierney	52	106	Conf.	AAI-GM-0000002 (native, 6 pages)	N/A	Slides re Cybersecurity Strategy Global A et seq.

Witness	Trial Ex. No.	Dep. Ex. No.	Conf. Design.	Bates Nos.	Date	Description
Kevin Tierney	53	47	Conf.	AAI-GM-0000187 (native, 17 pages)	N/A	Slides re Secure Diagnostics & Secure Unlock
Kevin Tierney	54	57	Conf.	AAI-GM-0000190	N/A	Global B Electrical Architecture Overview
Kevin Tierney	55	59	Highly Conf.	AAI-GM-0001512-1541	various	Technical documents
Kevin Tierney	56	98	Conf.	AAI-GM-0000009	N/A	3.2.1.2.5.8 Vehicle Cybersecurity
Mark Chernoby	57		Conf.	AAI-FCA-0011005-53	11/5/2015	Brought In Mobile Device Security Requirements and Assessment Procedures
Mark Chernoby	58		Conf.	AAI-FCA-0011054-89	11/5/2015	SDP Security Specification - v1.0
Mark Chernoby	59		Highly Conf.	AAI-FCA-0011196-99	12/1/2020	Document re ISO vs FCA
Kevin Tierney / Mark Chernoby / Daniel Garrie	60			N/A	7/20/2020	Letter from James C. Owens of NHTSA to Rep. Chan. & Senator Feeney of Massachusetts Legislature
Aaron Lowe cross	61	139	Conf.	AAI-ACA-0001427-1566	11/2020	Email from Bill Hanvey to Taylor Mitchell re Business Plan Artifacts with attachments
Aaron Lowe cross / Taylor Mitchell	62	143	Conf.	AAI-ACA-0038562-38585	1/4/2021	Email from Bill Hanvey to multiple recipients re Mass Right to Repair Implementation 1/2/2021
Aaron Lowe cross	63	133		AAI-ACA-0001650-1660	6/22/2015	Email from Aaron Lowe to Bill Long re ACA Telematics White Paper Questions
Aaron Lowe cross	64	135		AAI-ACA-0011762	3/6/2020	Email from Aaron Lowe to Joe Register and others re NHTSA Meeting
Aaron Lowe cross	65	137		AAI-ACA-0014013-14014	6/12/2020	Email from Aaron Lowe to Paul Fiore and Gabrielle Hopkins re NHTSA Call

Witness	Trial Ex. No.	Dep. Ex. No.	Conf. Design.	Bates Nos.	Date	Description
Aaron Lowe cross	66	138	Conf.	AAI-ACA-0014856	7/24/2020	Email from Aaron Lowe to Ray Pohlman re NHTSA
Aaron Lowe cross / Taylor Mitchell	67	142	Conf.	AAI-ACA-0035131 and native attachments (32 pages)	11/18/2020	Email from Joe Register to multiple recipients re Today's Presentation & Business Model
Aaron Lowe cross / Taylor Mitchell	68	144	Conf.	AAI-ACA-0039639 and native attachments (102 pages)	1/7/2021	Email from Joe Register to multiple recipients re OPCO business and financials
Steve Douglas	69	77		AAI-AAI-0002613-2634	9/20/2002	Letter to the Honorable Byron Dorgan and other letters
Gregory Potter cross / Aaron Lowe cross	70	111		AAI-ACA-0009173-4	6/11/2019	Email from Greg Potter to Aaron Lowe re ETI Massachusetts Legislative Call
Gregory Potter cross	71	120	Conf.	GP0000192-194	7/15/2020	Email from Aaron Lowe to Greg Potter re CAR and CARE
Gregory Potter cross	72	123	Conf.	GP0000014-15	12/3/2020	Email from Aaron Lowe to Greg Potter re Mass R2R
Aaron Lowe cross	73	134		AAI-ACA-0007270-7273	7/9/2018	Email from Aaron Lowe to Brian Hickey and Ray Pohlman re Bill Language
Aaron Lowe cross	74	141	Conf./ Highly Conf. attchmts	AAI-ACA-0026404-26418	4/24/2019	Email from Taylor Mitchell to Joe Register re Materials for Auto Care Finance Committee Meeting 4/24/2019
Kevin Tierney	75	96	Conf.	AAI-GM-0000025	N/A	Product Cybersecurity: 101
Kevin Tierney	76	97	Conf.	AAI-GM 0000038	11/2/2018	Global B Risk Assessment -- Cybersecurity
Kevin Tierney	77	107	Conf.	AAI-GM-0000019 (native, 3 pages)	N/A	Slides re Introduction Connected Vehicle Attack Surface et seq.

Witness	Trial Ex. No.	Dep. Ex. No.	Conf. Design.	Bates Nos.	Date	Description
Kevin Tierney	78	108	Conf.	AAI-GM-0000026 (native, 25 pages)	3/24/2017	Slides re General Motors Product Cybersecurity NHTSA Overview
Kevin Tierney	79	109	Conf.	AAI-GM-0000052 (native, 1 page)	N/A	Electrical Architecture Cybersecurity Capability vs Lifecycle
Standalone Exhibit	80					OCPF Ballot Question Committee Reports
Not Introduced	501	74		AAI-AAI-0002214	12/1/2015	NHTSA Report to Congress: "Electronic Systems Performance in Passenger Motor Vehicles"
Kevin Tierney	502				11/28/2016	Letter from Jeffrey Massimilla to Nathaniel Beuse Re: General Motors, LLC Comments, Docket Number NHTSA-2016-0104
Aaron Lowe	503	35		AAI-AAI-0007328	12/13/2016	Letter from William Hanvey and others to Jack Pokrzywa and Tim Weisenberger
Craig Smith	504		Conf.	AAI-FCA-0010947	9/19/2017	Global Vehicle Cyber Security: Firmware Over-the-Air (FOTA)
Kevin Tierney / Aaron Lowe	505			AAI-GM-0000209	2/11/2019	Email chain from Tim Turvey to Aaron Lowe, copying Bill Hanvey and others Re: Vehicle Data Access
Mark Chernoby	506		Conf.	AAI-FCA-0011208	2/26/2019	Massachusetts Telematics Bill and Ballot Initiative Update presentation
Aaron Lowe	507			AAI-AAI-0006688	5/5/2020	Letter from John Bozella to William Long and others
Aaron Lowe	508			AAI-ACA-0013352	5/19/2020	Letter from Bill Hanvey and others to John Bozzella
Standalone Exhibit	509				11/1/2020	Massachusetts Information for Voters, 2020 Ballot Questions

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Aaron Lowe	510			AAI-AAI-0006621	11/4/2020	Letter from William Hanvey to John Bozzella
Matthew Mackay	511	63	Conf.	AAI-GM-0001568	11/5/2020	Email chain from Laurence Sweeney to Alfred Adams, copying Stacy Lynett and others Re: Massachusetts Right to Repair in calendar 2022
Matthew Mackay	512	128	Conf.		11/9/2020	Massachusetts Question 1 (2020) Right to Repair Update presentation
Standalone Exhibit	513				11/25/2020	Executive Department, Council Chambers vote returns
Craig Smith	514		Conf.	AAI-GM-0001283	3/1/2021	Body Control Module\$GMNA_BCM Global B Initialize Master Code List
Craig Smith	515	9	Conf.		3/9/2021	Plaintiff Alliance for Automotive Innovation's First Supplemental Responses to Attorney General Maura Healey's First Set of Interrogatories
Kevin Tierney cross	516		Highly Conf.	AAI-GM-0004577	1/27/2021	MY20 Global B CGM Policy for Production
Kevin Tierney cross	517		Highly Conf.	AAI-GM-0004584	1/27/2021	MY21 Global B CGM Policy for Production
Kevin Tierney cross	518		Highly Conf.	AAI-GM-0004591	1/27/2021	MY22 Global B CGM Policy for Production
Craig Smith	519					Craig Smith <i>curriculum vitae</i>
Brian Romansky	520					Brian Romansky <i>curriculum vitae</i>
Craig Smith	521		Highly Conf.	AAI-GM-0001584	1/29/2021	Message Authentication Deep Dive

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Aaron Lowe	522			AAI-AAI-0007316	9/6/2016	Letter from AAA and others to Alliance for Automobile Manufacturers and Association of Global Automakers Re: Follow-up from August 24 Meeting
Aaron Lowe	523			AAI-ACA-0022333	11/3/2016	ITS Secure Vehicle Interface presentation
Aaron Lowe	524			AAI-ACA-0026065	2/12/2019	Secure ITS Framework & SVI presentation
Aaron Lowe	525	103		AAI-GM-0000418	3/26/2019	Email chain from Bill Hanvey to Bill Rhodes and Tim Turvey, copying Mark Finestone and others, Re: Telematics Data
Aaron Lowe	526			AAI-ACA-0008384	3/20/2019	Email chain from Aaron Lowe to Jessica Simmons and Charles Haake, copying Ray Pohlman, Re: Right to Repair DRP
Aaron Lowe	527		Conf.	AAI-ACA-0000226	8/14/2018	Letter from Aaron Lowe and Ray Pohlman to Donny Seyfer

Dated: June 15, 2021

Respectfully submitted,

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By its attorneys,

/s/ Laurence A. Schoen

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CERTIFICATE OF SERVICE

I certify that on June 15, 2021, a true copy of this document will be sent electronically by the ECF system to attorneys of record identified on the Notice of Electronic Filing.

/s/ Laurence A. Schoen
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